21. The details of land acquired by purchase during the year were as follows :—

Number.	Division.	Area acquired.	Price paid.	Rate per Acre.	Remarks.
		A. g.	Rs. a. p.	Rs. a. p.	
1	West Thána ...	0 10¾	2 0 0	7 7 0	

22. There was no land obtained by exchange.

23. The following statement shows the cost of Forest Settlement Officers and their establishments for the several divisions :—

No.	Division.	Forest Settlement Officers.		Office Establishments.		Contingencies.	Total.
		Pay.	Travelling Allowance.	Pay.	Travelling Allowance.		
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	East Thána ...	9,220 0 0	1,817 11 0	5,265 5 2	1,249 4 3	511 13 8	18,064 2 1
2	West Thána ...						
3	Surat	.....	.....	1,285 1 6	.....	.....	1,285 1 6
4	Panch Mahals ...	.....	.....	.....	.....	44 10 9	44 10 9
	Total ...	9,220 0 0	1,817 11 0	6,550 6 8	1,249 4 3	556 8 5	19,393 14 4

24. The expenditure incurred upon the formation and constitution of Reserved and Protected forests during the year has amounted to Rs. 22,217-14-4 :—

		Rs. a. p.
1.	Salaries and travelling allowances of Forest Settlement Officers not charged to forests	11,037 11 0
2.	Salaries and travelling allowances of establishments employed under Forest Settlement Officers and charged in forest accounts and the contingent expenditure of the latter	8,356 3 4
3.	Demarcation of forest boundaries upon the ground by the construction of special forest boundary-marks ...	2,822 0 0
4.	Compensation for land and rights	2 0 0
	Total ...	22,217 14 4

25. The work effected during the year by the expenditure detailed above comprises :—

(*a*) The settlement of 252 square miles at a cost of Rs. 77 per square mile.

(*b*) The demarcation of 139½ miles of forest boundary at Rs. 20-4-0 per mile.

(*c*) The purchase of 10¾ gunthas of land for forest reservation at Rs. 7-7-0 per acre.

26. The following statement shows the area to be examined, demarcated and settled in the Northern Circle :—

No.	Division.	Area settled.	Area unsettled.
		Sq. m. a.	Sq. m. a.
1	East Thána	1,298 12	386 389
2	West Thána	247 450	254 242
3	Surat	68 477	.....
4	Dángs	678 320	.....
5	Panch Mahals	333 410	.....
	Total ...	1,626 389	640 631

(iii).—DEMARCATION.

27. The following statement shows the clearance of boundary lines and the erection of forest boundary marks performed during the year :—

No.	Division.	Length of Boundary demarcated.	Number of Cairns erected.		Amount spent.	Rate per Mile.	Remarks.
			Large.	Small.			
					Rs. a. p.	Rs.	
1	East Thána ...	10½	68	105	125 0 0	...	
2	West Thána ...	41½	446	13	276 0 0	...	Besides 1,440 stones planted.
3	Surat ...	17¼	235	121	*2,822 0 0	...	* Include Rs. 1,333 on account of Dángs.
4	Panch Maháls ...	70¼	3	74	515 0 0	...	Besides 1,447 tin plates were used as indicators of forest boundary.
	Total, 1893-94 ...	139½	752	313	3,738 0 0	26¾	
	Total, 1892-93 ...	181	2,901	1,698	5,527 4 4	30½	

(iv).—SURVEYS.

28. Last year details of work done by the Forest Survey Party of the Government of India with cost, rates, &c., were given, but these were for the Survey and not for the Forest year.

29. The Superintendent writes that 51·21 square miles of detailed 8″ topographical survey were completed up to 30th June 1894. The amount debited for forest survey is Rs. 11,727-2-3. This would give a cost rate of Rs. 229 square miles, but this cannot be correct. In fact the difference in the two years is a bar to the record here of any useful figures.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—REGULATION AND MANAGEMENT.

(a).—Working Plans and their Control.

30. The Working Plans Division was in charge of Mr. T. B. Fry, Deputy Conservator of Forests, during most of the year under report. Mr. Millett, Deputy Conservator of Forests, holding charge in addition to his own duties from 5th August 1893 to 4th November 1893 during Mr. Fry's absence on privilege leave and again from 10th May 1894 to the close of the year on the transfer of Mr. Fry to the Southern Circle.

31. Mr. Fry, who was Working Plans Officer for the old Northern Circle, continued to be Working Plans Officer for the two Circles after their separation and up to 1st January 1893. From that date, under Government Resolution No. 10144, dated 28th December 1892, he became Working Plans Officer, Northern Circle. As, however, the Working Plans Branch of the Central Circle had not been organized, Mr. Fry's head-quarters were fixed at Poona and, under Government Resolution No. 8106, dated 4th November 1893, his services as well as those of his establishment were lent to the Central Circle up to the Christmas vaca-